

02-02-1999

Docket No : 1247/A12

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(Rev. 6-93)
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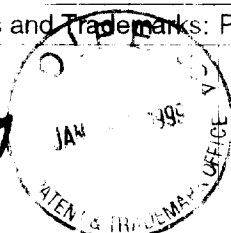
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Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party (ies): MRO
David Ashley Brown

1-4-99



2. Name and address of receiving party(ies):

Name: Intergraph Corporation

Internal Address: _____

Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Street Address: One Madison Industrial Park

City: Huntsville State: AL ZIP: 35894

Execution Date: December 4, 1998

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is _____

A. Patent Application No (s)

B. Patent No.(s)

09/178,870

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Steven G. Saunders

Internal Address: BROMBERG & SUNSTEIN LLP

Street Address: 125 Summer Street

City: Boston State: MA ZIP: 02110

6 Total number of applications and patents involved: 1

7 Total fee (37 CFR 3.41):..... \$ 40.00

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8 Deposit account number:

40.00 DP

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9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Steven G. Saunders

Name of Person Signing

Signature

December 30, 1998

Date

Total number of pages including cover sheet, attachments, and documents: 4

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PATENT
REEL: 9722 FRAME: 0729

ASSIGNMENT

ASSIGNOR: David Ashley Brown

ASSIGNEE: Intergraph Corporation
One Madison Industrial Park
Huntsville, AL 35894-0001

STATE OF INCORPORATION OF ASSIGNEE: Delaware

INVENTION: APPARATUS AND METHOD OF ACCESSING
RANDOM ACCESS MEMORY

ATTORNEY DOCKET: 1247/A12

SERIAL NO: 09/178.870

FILED: October 26, 1998

Assignor is the sole inventor (if only one inventor is listed above) or a joint inventor (if more than one inventor is listed above) of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and serial number as indicated above, or if no filing date and serial number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the

following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date 1-21-1998

David Ashley Brown
David Ashley Brown, Assignor

STATE OF ALABAMA by

)
) ss.
)

COUNTY OF Fayette

Before me, a notary public in and for said county and state, personally appeared David Ashley Brown, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.

Julie Keller
Notary Public
My Commission Expires: 7/24/2001

(seal)